YOSHIMURA
RESEARCH AND DEVELOPMENT OF AMERICA,INC.

YOSHIMURA PIM II

(EMS Peripheral Interface Module)

APPLICATION

YEAR	MODEL
2012	KTM SX-F 250

PRODUCT

600XX262500	PIM2 Fuel Injection Controller Kit

	This product is designed for use in closed course racing and is not intended for highway use.

	Read through all instructions before beginning installation.

	Areas of vehicle may be extremely hot. Let motorcycle cool down before beginning installation. Always wear hand and eye protection and take precautionary measures to avoid injury or damage.

NOTE:
In the state of California, it is illegal to modify the emission control system, which includes the fuel injection of any vehicle for on- or off-highway vehicles.

TOOL REQUIRED

Metric Socket Set

-INSTALLATION-

1. Remove seat, fuel tank, radiator shrouds, and air box cover as per factory service or owner's manual.

2. Route harness through left side of air box, following the positive (+) cable as shown in Fig 1.

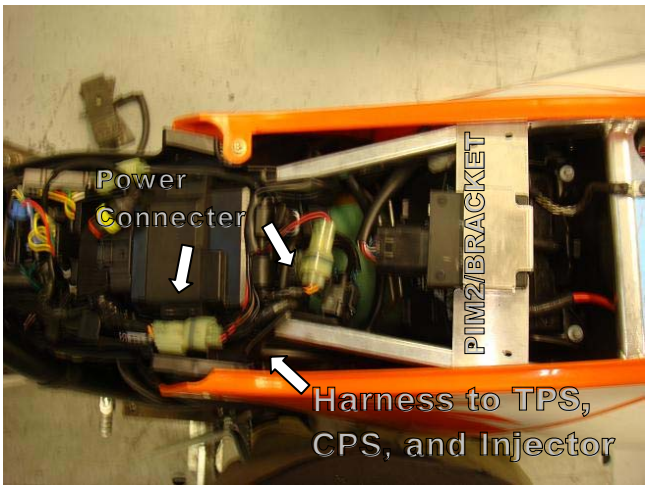


Fig 1.

3. Locate and disconnect stock, black Throttle Position Sensor (TPS) found on left side of throttle body as shown in Fig 2. Connect PIM2 harness connectors to the TPS and connector.

Fig 2.

4. Locate and disconnect stock black Fuel Injector plug as shown in Fig 3. Connect PIM2 harness connectors to fuel injector and connector.

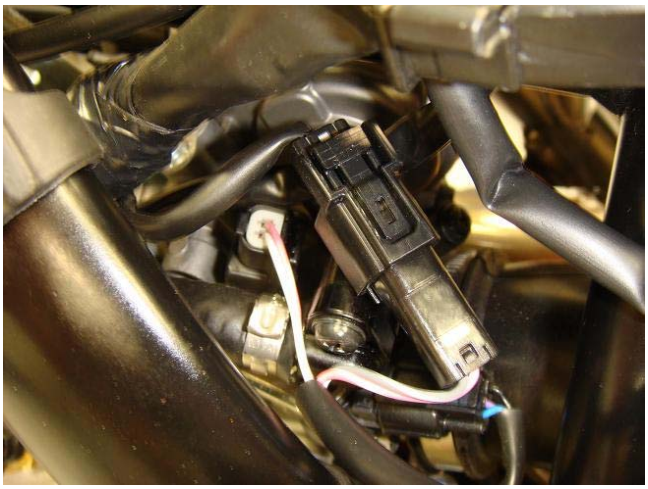


Fig 3.

5. Locate and disconnect blue Crank Position Connector located just ahead of the ECU beneath the tank. Connect PIM2 harness connectors to crank position connectors.

Fig 4.

6. Locate and disconnect clear Power Source connector located just behind the ECU as shown in Figure 5. Connect PIM2 harness connectors to power source connectors as shown in Figure 5.

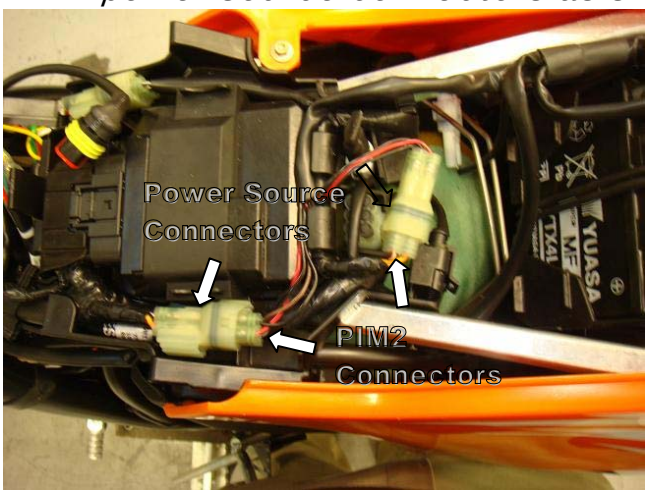
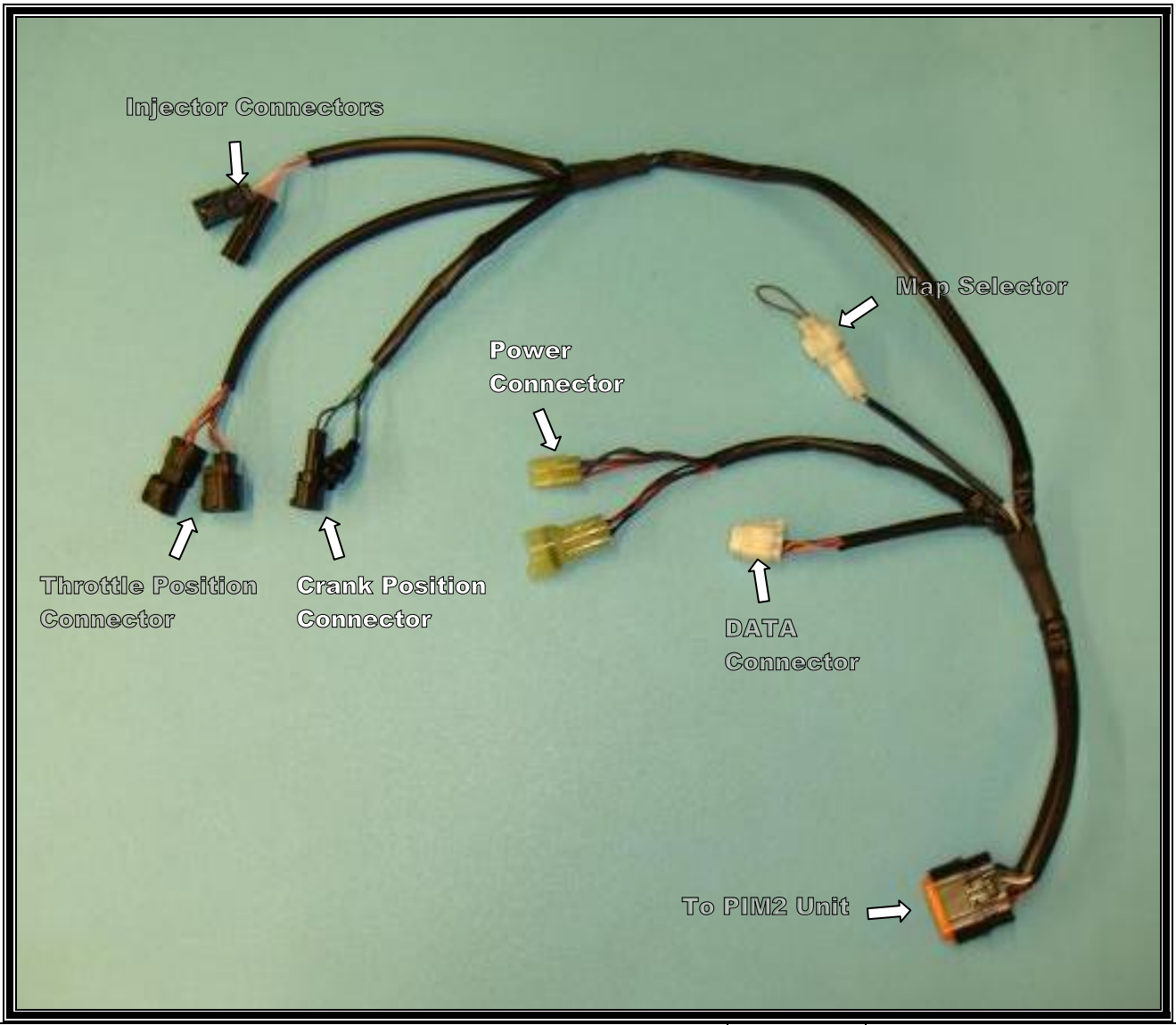


Fig 5.

7. Install PIM2 unit and bracket as shown in Figure 1. Secure bracket to subframe using supplied cable ties. Secure PIM2 unit to bracket using supplied hook-and-loop adhesive. Connect PIM2 to PIM2 harness.

8. Reinstall air box cover, radiator shrouds, tank, and seat as per factory service manual or owner's manual.

-PARTS DIAGRAM- *(S=Stock)*

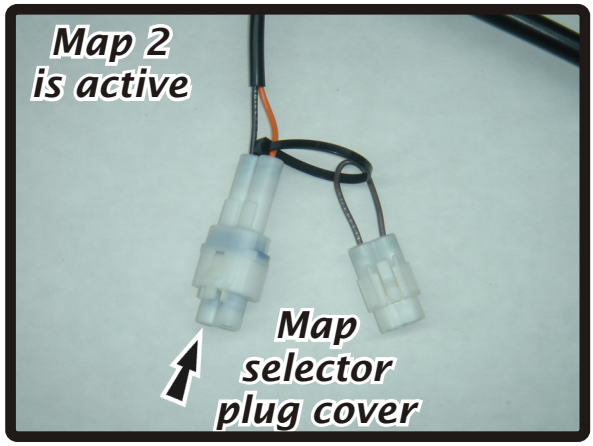


DESCRIPTION	QTY	PART #
PIM2 Unit	1	R-433B
PIM2 Harness for KTM SX-F 350	1	600XX26350HB
PIM2 Bracket for KTM SX-F 350	1	600XX26350B
Installation CD	1	R-433-CD
Installation Instructions	1	INST KIT
USB Communication Cable	1	R-433-USB
Cable Ties	8	ZT-300
Hook-and-loop Adhesive	1	5000-V
Yoshimura Sticker Sheet	1	17029

Fuel Map Selector Switch

Operation & Use

The PIM comes with two preprogrammed maps. Install and load software to see detailed information of map. See 'Comment' line in program for application detail.

Use the map selector plug to switch between maps. Map 1 is active when the selector plug is connected. Map 2 is active while the selector plug is disconnected.

NOTE: Before connecting the map selector plug remove the map selector plug cover.